Attachment – 24 22

परिशिष्ट–8

परियोजना का नाम — जनपद चम्पावत में प्रधानमंत्री ग्राम सडक योजना के अन्तर्गत प्रस्तावित, टनकपुर–तवाघाट मोटर मार्ग किमी0– 31से सिलाड़ (3.150किमी0) तक मोटर मार्ग के नव निर्माण हेतु वन भूमि हस्तान्तरण प्रस्ताव।

वैकल्पिक संरेखणों को निरस्त किये जाने का प्रमाण–पत्र

प्रस्तावित परियोजना हेतु 2 समरेंखणों पर विचार किया गया। समरेंखण–2 को ग्रामसभा की आपत्ति एवं समरेंखण की लम्बाई 0.750 किमी0 अधिक है, चीड़ व बांज का घना जंगल है, व 2 एच0पी0 बैण्ड अधिक है, व सिविल सोयम भूमि अधिक होने के कारण निरस्त किया गया है। प्रस्तावित समरेंखण–1 को ग्रामसभा की सहमति तथा कम वृक्षों की संख्या के कारण उचित पाया गया है। तकनीकी पर्यावरणीय एवं भूगर्भीय दृश्टि से भी समरेंखण–2 की अपेक्षा समरेंखण–1 उपयुक्त पाया गया है।

कनिष्ट अभियन्ता
पी0एम0जी0एस0वाई0
सिंचाई खण्ड चम्पावत

सहायक अभियन्ता
पी0एम0जी0एस0वाई0
सिंचाई खण्ड चम्पावत
सहायक अभियन्ता
सिंचाई खण्ड, लो0नि0वि0
चम्पावत।

अधिशासी अभियन्ता
पी0एम0जी0एस0वाई0
सिंचाई खण्ड चम्पावत
सिंचाई एवं लो0नि0वि0
चम्पावत

वन क्षेत्र अधिकारी
बूम रेंज (सूखीढांग)
चम्पावत वन प्रभाग

प्रभागीय वनाधिकारी
चम्पावत वन प्रभाग।

पत्र 9

परियोजना का नाम — जनपद चम्पावत में प्रधानमंत्री ग्राम सडक योजना के अन्तर्गत प्रस्तावित, टनकपुर–तवाघाट मोटर मार्ग किमी0– 31से सिलाड़ (3.150किमी0) तक मोटर मार्ग के नव निर्माण हेतु वन भूमि हस्तान्तरण प्रस्ताव।

विभिन्न विकल्पों का तुलनात्मक विवरण व उनके निरस्त किये जाने का कारण का प्रमाण–पत्र

समरेखण नं0	प्रभावित वन भूमि (हे0 में)	प्रभावित वृक्षों की संख्या	मार्ग की लम्बाई	अन्य कारण (एच.पी.बैण्ड व अन्य भू–गर्भीय कारण)
समरेखण–1	0.810	11	3.150 किमी0	2 एच0पी0 बैण्ड़
समरेखण–2	1.235	समरेखण मे चीड़ व बांज का घना जंगल है।	3.900 किमी0	4 एच0पी0 बैण्ड़

अतः उक्त समरेखणों में मार्ग निर्माण हेतु समरेखण न0 1 ही उपयुक्त है। जिस पर मार्ग निर्माण का कार्य किया जायेगा।

कनिष्ट अभियन्ता
पी0एम0जी0एस0वाई0
सिंचाई खण्ड चम्पावत

सहायक अभियन्ता
पी0एम0जी0एस0वाई0
सिंचाई खण्ड चम्पावत
सहायक अभियन्ता
सिचाई खण्ड, लो0नि0वि0
चम्पावत।

अधिशासी अभियन्ता
पी0एम0जी0एस0वाई0
सिंचाई खण्ड चम्पावत
अधिशासी अभियन्ता
सिचाई खण्ड लो0नि0वि0
चम्पावत

वन क्षेत्र अधिकारी
बूम रेंज (सूखीढाँग)
चम्पावत वन प्रभाग

ह0/-
प्रभागीय वनाधिकारी
प्रभागीय वनाधिकारी
चम्पावत वन प्रभाग, चम्पावत।

DETAILS OF ALIGNMENT

Name of Work: Alignment of Tanakpur Tawaghat Rd. Km. -31 To Silaar Motor Road.

Sanctioned Length: 3.150 KM.

Scheme:

Sl. No.		ITEMS	ALIGNMENT 1	ALIGNMENT 2
	Details of Route, vis-à-vis topography of the area			
1	Main feature and description of the alignment		**Proposed Road Starts From Tanakpur Tawaghat Rd. Km. -31**	**Proposed Road Starts From Tanakpur Tawaghat Rd. Km. -31**
2	Length of the alignment from starting point to terminal point		**3.150 K.M.**	**3.900 K.M.**
3	**Geometric**			
	A	Gradient in different stretches of the alignment	**1:25, 1:36, 1:25, 1:20, 1:50, 1:20, 1:36, 1:25, 1:50, 1:20**	**1:25, 1:17, 1:50, 1:17, 1:50, 1:17, -1:25, -1:17, 1:36, 1:20, 1:50, 1:20, 1:36, 1:25, 1:50, 1:20, 1:25**
	B	Curves and Hair Pin Bends	2No of H.P. Band	4 No of H.P. Band
4	**A**	Terrain and Soil Condition		
	1	Geology of the Road	E & B to VHS/VHR	E & B to VHS/VHR
	B	**Road Length Passing Through**		
	1	Cultivated land	1.100 KM.	1.400 KM.
	2	Mountainous terrain cross slope from20*to60*	2.400	2.800
	3	Steep terrain cross slope greater than 60*	0.750	1.100
	4	Rocky Stretches with indication in length in loose	Nil	Nil
	5	Area subject to avalanchas and snow drifts	Nil	Nil

DETAILS OF ALIGNMENT

Name of Work: Alignment of Tanakpur Tawaghat Rd. Km. -31 To Silaar Motor Road.

Sanctioned Length: 3.150 KM.

Scheme:

Sl. No.		ITEMS	ALIGNMENT 1	ALIGNMENT 2
5	**Nature of Land**			
	1	Length of reaches with Earth &Boulders	1.900	2.250
	2	Length of reaches with Midium Rock/shale	0.600	0.700
	3	Length of reaches with Hard Rock/ Shale	0.400	0.525
	4	Length of reaches with VHR/VHS	0.250	0.425
6	**Bridge Requirement**			
	A	Major Bridges	15 M, 12 M, 10 M	15 M, 12 M, 10 M
	1	Total Number	3	3
	2	Range of Span	0.00	0.00
	3	Total Water Way	0.00	0.00
	B	Minor Bridges/Culverts		
	1	Total Number	0-00	0.00
	2	Range of Span	0.00	0.00
	3	Total Water Way	0.00	0.00
7	**General elevation of the road including Maximum and minimum heights negotiated by main ascents and descents**			
	1	Total Number of ascents and descents	Throughout Fall,Rise,Level Grade	Throughout Fall,Rise,Level Grade
	2	Heights of cliffs & Gorges	Nil	Nil
8	**Right of way bringing out construcation on Acount of Built- up Area Mountains and Other**			
	Approximate area and value			
	1	Cultivated	**1.100**	**1.400**
	2	Irrigated	**0.000**	**0.000**
	3	Un- Irrigated	**0.000**	**0.000**
	4	Civil Soyam+ Van Pyanchat	**2.150**	**2.500**
	5	Forest Land	**0.000**	**0.000**

DETAILS OF ALIGNMENT

Name of Work: Alignment of Tanakpur Tawaghat Rd. Km. -31 To Silaar Motor Road.

Sanctioned Length: 3.150 KM.

Scheme:

Sl. No.		ITEMS	ALIGNMENT 1	ALIGNMENT 2
9	A	Existing means of inter communication(mule Path. Jeep Track etc.)	Footpath & mule Path	Footpath & mule Path
	B	Relation of proposed Alignment with Existing and under construction Road	**Proposed Road Starts From Tanakpur Tawaghat Rd. Km. -31**	**Proposed Road Starts From Tanakpur Tawaghat Rd. Km. -31**
10	A	Availability of Road Construction Materials		
	B	Location of Quarries	Tanakpur	Tanakpur
	C	Average leads	31 KM.	31KM.
11		**Facilities & Rsoures**		
	A	Landing ground	Nil	Nil
	B	Dropping Zone	Nil	Nil
	C	Food Stuffs	Champawat	Champawat
	D	Labour localty available or need of imrort	Grit from Tankpur Or Haldwani	Grit from Tankpur Or Haldwani
	E	Construction Materials	Available within 31 Km.	Available within 31 Km.
	F	Timber, Bamboo,Sand ,Shingle,Gift etc. Extent of their availability & lead involved	Equipment Will available on Tanakpur or haldawani	Equipment Will available on Tanakpur or haldawani
12		**Access Point indicating possibility of Equpment**	Equipment will available in haldawani	Equipment will available in haldawani
13		**Climate Condition**		
	A	Temperature Maximum & Minimum	Maximum 25-30*c Minimum 10-15*c	Maximum 25-30*c Minimum 10-15*c
	B	Rainfall Data Average Annual peak intensity, monthaly distribution of the Availanle road Length Covered by snow (Average and period)	Not Available	Not Available
	C	Wind direction of Velocity		
	D	Fog Conditions	Some Fog in winter & Rainy Season	Some Fog in winter & Rainy Season
	E	Exposure to Sun	Well Exposure to Sun	Well Exposure to Sun
	F	Drainage characterstics of the area including susceptibility to damage	Good Natural Drainge hence susceptibility to damage in minimum	Good Natural Drainge hence susceptibility to damage in minimum

DETAILS OF ALIGNMENT

Name of Work: Alignment of Tanakpur Tawaghat Rd. Km. -31 To Silaar Motor Road.

Sanctioned Length: 3.150 KM.

Scheme:

Sl. No.		ITEMS	ALIGNMENT 1	ALIGNMENT 2
14	Length of landslide		Nil	Nil
15	Length of unstable area		Nil	Nil
16	Length of Heavy clearing		Nil	Nil
17	Length of Marshy and flooded		Nil	Nil
18	Length of position with loose		Nil	Nil
19	Vegetation extent/Type		Ordinary bushes	Ordinary bushes
20	Period required for construction		One Year	One Year
21	Politicle Aspect		Normal	Narmal
22	**Village Falling on Terrain**			
	A	Village on or within		
	1	0.000km. to 3.150km. of the Alignment	Silaar	Silaar
	2	3.150km. to 3.900km. of the Alignment		Silaar
	B	Name of Important Village, Town, Marketing center, Other centers connected	Champawat	Champawat
23	Strategic Condition		Nil	Nil
24	Economic & Industrial Consideration		Normal	Normal
25	Population served by Alignment		308	308
26	Recreational potential & potential for Development		Nil	Nil
27	Scope for Adricultural and Horticulture Development		Good	Good
28	Extent of Forest Weath		Normal	Normal
29	Possibility of Development of Miner or any other major		Nil	Nil
30	Approximate cost of Construction of each Alignment @ 60.50 lacs / Km.		191 lacs	236 lacs

DETAILS OF ALIGNMENT

Name of Work: Alignment of Tanakpur Tawaghat Rd. Km. -31 To Silaar Motor Road.

Sanctioned Length: 3.150 KM.

Scheme:

Sl. No.		ITEMS	ALIGNMENT 1	ALIGNMENT 2
31	Merits & Demerits		Merits	Demerits
	A	Alignment-1 (Shown in Red on Topo Sheet)	1.No Any Cultiveted Land Involved. 2.Alignment Accepted by Villagers & their elected representative. 3.Lenght of Road in shotter Side. 4.Number of H.P. Band is Minimum	1.Many Trees are Coming in the Alingment. 2. Nap Lengeth involved in Aligement.
	B	Aligement-2(Shown in Green on Topo Sheet)	1. No any Irrigated Cultivated land involved.	1.Aligement Didn't Accepted by Villagers & their elected representative. 2.Incresing of Forest land Length of Road and also Total Length. 3. Two more HP Band Provided.
32		Relation of proposed alignment with existing and road under Construction	Proposed Road Starts From Tanakpur Tawaghat Rd. Km. -31	Proposed Road Starts From Tanakpur Tawaghat Rd. Km. -31
33	Position of Quarry		Tanakpur	Tanakpur
34	Any other useful information viz. other important		Villagers are satisfied with this alignment	Villagers are not satisfied with this alignment
35	Recommendendation of Executive Engineering		Alignment-1(Shown in Red on Contour Map) is Recommended for Approvel.	Alignment-2(Shown in Blue on Contour Map) is not Recommended for Approvel.

Jr.Engineer

Assistant Engineer
सहायक अभियन्ता
सिचाई खण्ड, लो०नि०वि०
चम्पावत।

वन क्षेत्र अधिकारी
बूम रेंज (सूखीढाँग)
चंम्पावत वन प्रभाग

Executive Engineer
अधिशासी अभियन्ता
सिंचाई खण्ड लो०नि०वि०
चम्पावत

प्रभागीय वनाधिकारी
चम्पावत वन प्रभाग चम्पावत।